

Title (en)

PRINT CHIP FOR A PRINTING HEAD WORKING ACCORDING TO THE INK PRINTING PRINCIPLE

Title (de)

DRUCKCHIP FÜR EINEN NACH DEM TINTENDRUCKPRINZIP ARBEITENDEN DRUCKKOPF

Title (fr)

PUCE D'IMPRESSION POUR TETE D'IMPRESSION FONCTIONNANT SELON LE PRINCIPE D'IMPRESSION A ENCRE

Publication

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Application

**EP 00949274 A 20000706**

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Abstract (en)

[origin: US6773084B1] The invention relates to a printing chip for a printing head working according to the ink-jet printing principle, having at least one recess forming a medium chamber in the printing chip, a deflectable diaphragm forming one wall of the medium chamber, a duct opening in the medium chamber for feeding a liquid medium that is to be squirted out hot, and having a squirting-out opening connected to the medium chamber, which printing chip is distinguished by the fact that the printing chip (2) is produced exclusively from monocrystalline silicon.

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**US 6773084 B1 20040810**; AU 6269300 A 20010122; AU 6269400 A 20010122; CN 1173792 C 20041103; CN 1360530 A 20020724; CN 1360531 A 20020724; DE 19931110 A1 20010125; DE 50008518 D1 20041209; DE 50008768 D1 20041230; EP 1200223 A1 20020502; EP 1200223 B1 20041103; EP 1200224 A1 20020502; EP 1200224 B1 20041124; IL 147465 A0 20020814; IL 147466 A0 20020814; JP 2003524882 A 20030819; JP 2003525768 A 20030902; KR 20020035829 A 20020515; KR 20020035830 A 20020515; TW 501981 B 20020911; WO 0102122 A1 20010111; WO 0102123 A1 20010111

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